Zechariah J Schneider

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EDUCATION

University of Michigan   Ann Arbor, MI

BSE Computer Science Engineering   April 2017

Major GPA: 3.00/4.00

COMPUTER SKILLS

Environments: Linux (Red Hat, Ubuntu, Backtrack), Windows (XP, 7, 8), MacOS X (Mountain Lion, Mavericks)

Languages: C/C++, Python, Java, Matlab, SQL, Visual Basic, Lua

Other: Experience with Android and iOS application development and brand promotion via social media

WORK EXPERIENCE

Ford Motor Company   Summer 2016

Product Development Intern

- Managed design, implementation, testing, and integration of driverless vehicle software systems
- Managed planning, development, and integration of Truck User Experience Health Tracker
- Developed validation testing for user-focused design features

Verizon Telecom   Summer 2015

Network Engineering Intern

- Communicated with technicians to verify accuracy of network component inventory
- Monitored and ensured proper wire line network functions
- Responsible for daily reports used by other engineers throughout region

ACTIVITIES

University of Michigan SAE Baja Racing Team   September 2013-Present

Head of Logistics

- Managed team of engineering and business students on the team's business group
- Managed timelines and worked with system leads to ensure deadlines were met
- Developed and enacted action plans to reach long term team goals

Treasurer

- Worked with system leaders to create and follow budgets for each subsystem
- Interacted with university and corporate sponsors to secure funding and maintain relations

Electronics System Lead

- Designed and implemented testing, driver feedback, and data acquisition systems

Design Immersion Mentor   September 2015/2016

- One of fifty mentors chosen across The University of Michigan College of Engineering
- Mentored incoming students through design challenges and general college advice

Petrovich Emerging Leadership Experience (PELE)   October 2014-Present

- Met with faculty and students to enhance communication and leadership skills
- Mentor for second and third PELE class